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| FORM PTO-1390 (REV. 04/2006) | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTORNEY'S DOCKET NUMBER 0070.1103 |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 | | U.S. APPLICATION NO. <i>To be assigned</i> ^{as known, see 37 CFR 1.5} 10/589194 |
| INTERNATIONAL APPLICATION NO. PCT/ES2005/000402 | INTERNATIONAL FILING DATE July 18, 2005 | PRIORITY DATE CLAIMED October 20, 2004 |
| TITLE OF INVENTION A PUMP HAVING A SEALING MECHANISM | | |
| APPLICANTS FOR DO/EO/US Santiago JULIAN PIDEVALL et al. | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | |
| <p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (22) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. See PCT/IB/308 attached. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p> <p>11. <input type="checkbox"/> For publication of assignee information under 37 CFR 1.215(b), list the assignee as <u> </u>. The Assignment papers will be filed later.</p> | | |
| Items 11 to 21 below concern document(s) or information included: | | |
| <p>12. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>13. <input checked="" type="checkbox"/> An assignment document and separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included for recording.</p> <p>14. <input checked="" type="checkbox"/> A preliminary amendment.</p> <p>15. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>16. <input type="checkbox"/> A substitute specification.</p> <p>17. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>18. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</p> <p>19. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> | | |

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21. Other items or information: (a) International search Report, (b) Certification and Certified Copy of corresponding priority Spanish Patent No. 200402493 with the last page showing correction of the inventorship to correspond to the attached U.S. Declaration/Power of Attorney, as an inadvertent error was made in naming the inventors in the original Spanish application, and both papers showing the application was filed by the same Assignee herein, i.e., Saint-Gobain Calmar, S.A. See, e.g., Schmidtt v. Babcock, 377 F.2d 994, 153 USPQ 719 (CCPA 1967), Payne v. Natta, 172 USPQ 687 (Bd. Pat. Interf. 1971), and Reitz v. Inoue, 39 USPQ.2d 1838 (Bd. Pat. App. & Interf. 1996)

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| U.S. APPLICATION NO. (if known, see 37 CFR 1.5) To be assigned | INTERNATIONAL APPLICATION NO. PCT/ES2005/000402 | | | ATTORNEY'S DOCKET NUMBER 0070.1103 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>22. <input checked="" type="checkbox"/> The following fees are submitted:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 75%;"><input checked="" type="checkbox"/> a) Basic National Fee.....</td> <td style="width: 25%; text-align: right;">\$300.00</td> </tr> <tr> <td><input checked="" type="checkbox"/> b) Examination Fee If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1) - (4)</td> <td style="text-align: right;">\$0</td> </tr> <tr> <td>All other situations</td> <td style="text-align: right;">\$200.00</td> </tr> <tr> <td>24. <input checked="" type="checkbox"/> c) Search Fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1) - (4).....</td> <td style="text-align: right;">\$0</td> </tr> <tr> <td>Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Search Authority ...</td> <td style="text-align: right;">\$100</td> </tr> <tr> <td>International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB</td> <td style="text-align: right;">\$400</td> </tr> <tr> <td>All other situations</td> <td style="text-align: right;">\$500</td> </tr> <tr> <td colspan="2" style="text-align: right;">TOTAL OF ABOVE CALCULATIONS = \$</td> </tr> </table> | | | | | <input checked="" type="checkbox"/> a) Basic National Fee..... | \$300.00 | <input checked="" type="checkbox"/> b) Examination Fee If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1) - (4) | \$0 | All other situations | \$200.00 | 24. <input checked="" type="checkbox"/> c) Search Fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1) - (4)..... | \$0 | Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Search Authority ... | \$100 | International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB | \$400 | All other situations | \$500 | TOTAL OF ABOVE CALCULATIONS = \$ | | | | | | | | | | | | | |
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| All other situations | \$200.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| All other situations | \$500 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL OF ABOVE CALCULATIONS = \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p><input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each addition 50 sheets of paper or fraction thereof.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">Total Sheets</td> <td style="width: 25%;">Extra Sheets</td> <td style="width: 25%;">Number of each additional 50 or fraction thereof</td> <td style="width: 25%;">Rate</td> </tr> <tr> <td>- 100 =</td> <td>/50=</td> <td></td> <td style="text-align: right;">X 250.00</td> </tr> <tr> <td colspan="3"></td> <td style="text-align: right;">0</td> </tr> </table> | | | | | Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof | Rate | - 100 = | /50= | | X 250.00 | | | | 0 | | | | | | | | | | | | | | | | |
| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof | Rate | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">CLAIMS</td> <td style="width: 25%;">NUMBER FILED</td> <td style="width: 25%;">NUMBER EXTRA</td> <td style="width: 25%;">RATE</td> </tr> <tr> <td>Total claims</td> <td>- 20 =</td> <td></td> <td style="text-align: right;">X \$50.00</td> </tr> <tr> <td>Independent claims</td> <td>- 3 =</td> <td></td> <td style="text-align: right;">X \$200.00</td> </tr> <tr> <td colspan="2">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td></td> <td style="text-align: right;">+ \$360.00</td> </tr> <tr> <td colspan="3" style="text-align: right;">TOTAL OF ABOVE CALCULATIONS =</td> <td style="text-align: right;">\$</td> </tr> </table> | | | | | CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | Total claims | - 20 = | | X \$50.00 | Independent claims | - 3 = | | X \$200.00 | MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | + \$360.00 | TOTAL OF ABOVE CALCULATIONS = | | | \$ | | | | | | | | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total claims | - 20 = | | X \$50.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Independent claims | - 3 = | | X \$200.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| TOTAL OF ABOVE CALCULATIONS = | | | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="3" style="text-align: right;">SUBTOTAL =</td> <td style="text-align: right;">\$</td> </tr> <tr> <td colspan="3" style="text-align: right;">Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).</td> <td style="text-align: right;">\$0</td> </tr> <tr> <td colspan="3" style="text-align: right;">TOTAL NATIONAL FEE =</td> <td style="text-align: right;">\$</td> </tr> <tr> <td colspan="3" style="text-align: right;">Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property</td> <td style="text-align: right;">+ \$40.00</td> </tr> <tr> <td colspan="3" style="text-align: right;">TOTAL FEES ENCLOSED =</td> <td style="text-align: right;">\$</td> </tr> <tr> <td colspan="3" style="text-align: right;">Amount to be refunded:</td> <td style="text-align: right;">\$</td> </tr> <tr> <td colspan="3" style="text-align: right;">Amount to be charged:</td> <td style="text-align: right;">\$</td> </tr> </table> | | | | | SUBTOTAL = | | | \$ | Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)). | | | \$0 | TOTAL NATIONAL FEE = | | | \$ | Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property | | | + \$40.00 | TOTAL FEES ENCLOSED = | | | \$ | Amount to be refunded: | | | \$ | Amount to be charged: | | | \$ |
| SUBTOTAL = | | | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Amount to be charged: | | | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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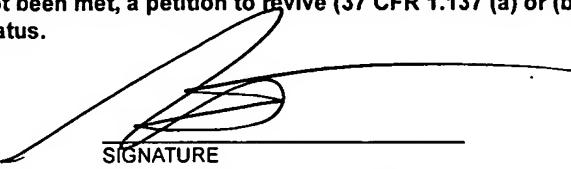
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- a. A check in the amount of \$940.00 to cover the above fees is enclosed.
- b. Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.
- c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-3935. A duplicate copy of this sheet is enclosed.
- d. Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Staas & Halsey LLP
1201 New York Avenue, N.W., 7th Floor
Washington, DC 20005


SIGNATURE

William F. Herbert

NAME

8/10/06

Date

31,024

REGISTRATION NUMBER

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